| | (01PE) | 2 2223 |
|--------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| FORM PTO-1595 1-31-92 | JUN U 9 ZUUS RE | 3 - 2003 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office |
| | Toper Hand ble Commissione. 1024 | 172667 documents or copy thereof |
| 1. Name of co | onveying party(ies): | 2. Name and address of receiving party(ies): |
| | ILICATES LTD. of conveying party(ies) attached? Yes X No | Name: NATIONAL SILICATES COMPANY/ COMPAGNIE SILICATES NATIONAL |
| | 6-9-03 | Internal Address: |
| 3. Name of co | Assignment Merger Security Agreement Change of Name | Street Address: 429 Kipling Avenue Etobicoke, Ontario M8Z 5V7 CANADA |
| X Other Execution Date | | Additional name(s) & address(es) attached? Yes X No |
| 1 | n number(s) or registration number(s): being filed together with a new application, the execution date | of the application is: |
| A. Patent | Application No.(s) | B. Patent No.(s) |
| | | 5,998,138 |
| | | (Our File: T929111) |
| | Additional numbers at | ached? Yes X No |
| | address of party to whom correspondence document should be mailed: | 6. Total number of applications and patents: 1 |
| Name | Arne I. Fors GOWLING LAFLEUR HENDERSON LLP | 7. Total fee (37CFR 3:41)\$ 40.00 |
| | | Enclosed |
| Street Address: | SUITE 4900 Commerce Court West Toronto, Ontario | X Authorized to be charged to deposit account |
| | M5L 1J3 CANADA | 8. Deposit account number: 07/1750 |
| | | (Attach duplicate copy of this page if paying by deposit account) |
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| 9. Statement To the best | cument | ation is true and correct and any attached copy is a true copy of the |
| _ | Registration No. 20,775 | Date |
| Name of 12/2003 TDIAZ1 | 00000159 071750 599138 Signs | ture Date Total number of pages comprising cover sheet: 8 |
| 01 FC:8021 | 40.00 CH | |
| AT LA LONET |) | PATENT |

REEL: 014154 FRAME: 0247



CERTIFICATE OF AMALGAMATION

Companies Act

Registry Number

3047112

I hereby certify that

COMPAGNIE SILICATES NATIONAL/SILICATES NATIONAL COMPANY NATIONAL SILICATES LIMITED/SILICATES NATIONAL LIMITÉE

having entered into an amalgamation subsequently approved by Order of the Supreme Court of Nova Scotia, have amalgamated and the name of the amalgamated company is:

NATIONAL SILICATES COMPANY/COMPAGNIE SILICATES NATIONAL

and the amalgamation is approved by the Registrar of Joint Stock Companies effective this date and the liability of the members is unlimited.

Registrar of Joint Stock Companies

July 25, 2000

Date of Amalgamation

700 D

RECORDED: 06/09/2003 REEL: 014154 FRA